





California Energy Commission October 08, 2025 Business Meeting Backup Materials for SMS CA MG17C, LLC

The following backup materials for the above-referenced agenda item are available in this PDF packet as listed below:

- 1. Proposed Resolution
- 2. Grant Request Form
- 3. Scope of Work

RESOLUTION NO: 25-1008-XX

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION: SMS CA MG17C, LLC

RESOLVED, that the State Energy Resources Conservation and Development Commission (CEC) adopts the staff CEQA findings contained in the Agreement or Amendment Request Form (as applicable); and

RESOLVED, that the CEC approves agreement CER-25-002 with SMS CA MG17C, LLC for a \$4,203,952 grant. This project will install battery energy storage and microgrid subcomponents on the Santa Barbara City College campus, which will serve as a community resilience hub by providing power and shelter to the local community during outages and extreme weather events; and

FURTHER BE IT RESOLVED, that the Executive Director or their designee shall execute the same on behalf of the CEC.

CERTIFICATION

The undersigned Secretariat to the CEC does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the CEC held on October 08, 2025.

AYE: NAY: ABSENT: ABSTAIN:		
	Dated:	
	Kim Todd Secretariat	



STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION

GRANT REQUEST FORM (GRF)

A. New Agreement Number

IMPORTANT: New Agreement # to be completed by Contracts, Grants, and Loans Office.

New Agreement Number: CER-25-002

B. Division Information

1. Division Name: ERDD

2. Agreement Manager: Alana Webre

3. MS-:None

4. Phone Number: 916-232-8173

C. Recipient's Information

1. Recipient's Legal Name: SMS CA MG17C, LLC

2. Federal ID Number: 33-2734858

D. Title of Project

Title of project: Santa Barbara City College Community Resilience Hub (SBCC Hub)

E. Term and Amount

Start Date: 11/10/2025
 End Date: 3/31/2029
 Amount: \$4,203,952.00

F. Business Meeting Information

- 1. Are the ARFVTP agreements \$75K and under delegated to Executive Director? No
- 2. The Proposed Business Meeting Date: 10/8/2025.
- 3. Consent or Discussion? Discussion
- 4. Business Meeting Presenter Name: Alana Webre
- 5. Time Needed for Business Meeting: 10 minutes.
- 6. The email subscription topic is: Community Energy Relibility and Resilience Invesment (CERRI) Program.

Agenda Item Subject and Description:

SMS CA MG17C, LLC. Proposed resolution approving agreement CER-25-002 with SMS CA MG17C, LLC for a \$4,203,952 grant, and adopting staff's recommendation that this project is exempt from CEQA. This project will install battery energy storage and microgrid subcomponents on the Santa Barbara City College campus, which will serve as a community resilience hub by providing power and shelter to the local community during outages and extreme weather events. (CERRI funding) Contact: Alana Webre

G. California Environmental Quality Act (CEQA) Compliance

1. Is Agreement considered a "Project" under CEQA?

Yes

If yes, skip to question 2.-



If no, complete the following (PRC 21065 and 14 CCR 15378) and explain why Agreement is not considered a "Project":

2. If Agreement is considered a "Project" under CEQA answer the following questions.

a) Agreement IS exempt?

Yes

Statutory Exemption?

No

If yes, list PRC and/or CCR section number(s) and separate each with a comma. If no, enter "None" and go to the next question.

PRC section number: None CCR section number: None Categorical Exemption?

Yes

If yes, list CCR section number(s) and separate each with a comma. If no, enter "None" and go to the next question.

CCR section number: Cal. Code Regs., tit. 14, § 15303;

Cal. Code Regs., tit. 14, § 15304; Cal. Code Regs., tit. 14, § 15311

Common Sense Exemption? 14 CCR 15061 (b) (3)

No

If yes, explain reason why Agreement is exempt under the above section. If no, enter "Not applicable" and go to the next section.

14 CCR § 15303 exempts from CEQA new construction or conversion of small structures. This project involves the construction, location, and new installation of small structures and equipment within an existing city college. Specifically, this project will consist of installing solar PV on carports and the roofs of existing buildings in the east and west campuses of the college. The solar PV system will be paired with battery energy storage. The installation of the energy storage will require minimal construction activity and will not have a significant impact on local air quality. It will only have an impact on noise, traffic, and odors during construction and will not induce additional operations at the site. For these reasons, the project will not have a significant effect on the environment and falls under the categorical exemption listed in 14 CCR§ 15303.

14 CCR § 15304 exempts from minor alterations in the condition of land, water, and/or vegetation. This project involves trenching required for interconnection and all of the trenching or ground disturbance required for the project will be restored prior to project completion. This project also involves the removal of trees to make way for the solar carports, and SMS CA MG17C plans to obtain a permit for the tree work from the relevant local authority. There will be no further activities that cause environmental disturbance than



the ones listed above. For these reasons, the project falls under the categorical exemption listed in 14 CCR § 15304.

14 CCR 14 § 15311 exempts from CEQA the construction, or replacement, of minor structures which are accessory to existing facilities. This project will involve the construction of solar PV carports above an existing parking lot and will not have a significant impact on local air quality, and only an impact on noise, traffic, and odors during construction. For these reasons, the project falls under the categorical exemption listed in 14 CCR § 15311.

The project will not impact an environmental resource of hazardous or critical concern where designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies; does not involve any cumulative impacts of successive projects of the same type in the same place that might be considered significant; does not involve unusual circumstances that might have a significant effect on the environment; will not result in damage to scenic resources within a highway officially designated as a state scenic highway; the project site is not included on any list compiled pursuant to Government Code section 65962.5; and the project will not cause a substantial adverse change in the significance of a historical resource. Therefore, none of the exceptions to categorical exemptions listed in CEQA Guidelines section 15300.2 apply to this project and this project will not have a significant effect on the environment.

b) Agreement IS NOT exempt.

IMPORTANT: consult with the legal office to determine next steps.

No

If yes, answer yes or no to all that applies. If no, list all as "no" and "None" as "yes".

Additional Documents	Applies
Initial Study	No
Negative Declaration	No
Mitigated Negative Declaration	No
Environmental Impact Report	No
Statement of Overriding Considerations	No
None	Yes

H. Is this project considered "Infrastructure"?

Yes

I. Subcontractors

List all Subcontractors listed in the Budget (s) (major and minor). Insert additional rows if needed. If no subcontractors to report, enter "No subcontractors to report" and "0" to funds. **Delete** any unused rows from the table.



Subcontractor Legal Company Name	CEC Funds	Match Funds
Build Momentum, Inc. dba Momentum	\$ 160,000	\$400,000
TBD Electrical Contractor	\$ 0	\$2,614,000

J. Vendors and Sellers for Equipment and Materials/Miscellaneous

List all Vendors and Sellers listed in Budget(s) for Equipment and Materials/Miscellaneous. Insert additional rows if needed. If no vendors or sellers to report, enter "No vendors or sellers to report" and "0" to funds. **Delete** any unused rows from the table.

Vendor/Seller Legal Company Name	CEC Funds	Match Funds
Tesla	\$1,078,025	\$2,156,050
Eaton/ Schneider (or equivalent vendor) Distribution	\$956,180	\$956,180
Eaton/ Schneider (or equivalent vendor) Integration	\$140,000	\$140,000
IEM	\$395,861	\$791,722

K. Key Partners

List all key partner(s). Insert additional rows if needed. If no key partners to report, enter "No key partners to report." **Delete** any unused rows from the table.

Key Partner Legal Company Name
Community Environmental Council
Santa Barbara City College

L. Budget Information

Include all budget information. Insert additional rows if needed. If no budget information to report, enter "N/A" for "Not Applicable" and "0" to Amount. **Delete** any unused rows from the table.

Funding Source	Funding Year of Appropriation	Budget List Number	Amount
FED	23-24	303.113	\$ 4,203,952

TOTAL Amount: \$4,203,952

R&D Program Area: ESB: Renewables

Explanation for "Other" selection Not applicable

Reimbursement Contract #: Not applicable

Federal Agreement #: FOA # 0002736



M. Recipient's Contact Information

1. Recipient's Administrator/Officer

Name: Shea Hughes

Address: 51-53 S Broad Street

City, State, Zip: Ridgewood, NJ 07450

Phone: 201.689.5987

E-Mail: shughes@scalemicrogrids.com

2. Recipient's Project Manager

Name: Michelle Casillo

Address: 51-53 S Broad Street

City, State, Zip: Ridgewood, NJ 07450

Phone: 949.416.6708

E-Mail: mcasillo@scalemicrogrids.com

N. Selection Process Used

There are three types of selection process. List the one used for this GRF.

Selection Process	Additional Information
Competitive Solicitation #	GFO-23-312
First Come First Served Solicitation #	Not applicable
Other	Not applicable

O. Attached Items

1. List all items that should be attached to this GRF by entering "Yes" or "No".

Item Number	Item Name	Attached
1	Exhibit A, Scope of Work/Schedule	Yes
2	Exhibit B, Budget Detail	Yes
3	CEC 105, Questionnaire for Identifying Conflicts	Yes
4	Recipient Resolution	No
5	Awardee CEQA Documentation	No



Approved By

Individuals who approve this form must enter their full name and approval date in the MS Word version.

Agreement Manager: Alana Webre

Approval Date: 8/22/2025

Branch Manager: Alex Horangic

Approval Date: 8/28/2025

Director: Jonah Steinbuck (delegated to Manager)

Approval Date: n/a

I. TASK ACRONYM/TERM LISTS

A. Task List

Task #	CPR ¹	Task Name
1		General Project Tasks
2	Х	Project Engineering Design and Site Preparation
3		Equipment Procurement
4	X	Equipment Installation
5	X	Community Engagement and Impacts
6		Workforce Development
7		Evaluation of Project Benefits

B. Acronym/Term List

Acronym/Term	Meaning
AHJ	Authority Having Jurisdiction
BESS	Battery Energy Storage System
CAM	Commission Agreement Manager
CAO	Commission Agreement Officer
CBA	Collective Bargaining Agreement: Also referred to as "bargaining agreement" and sometimes known as a "labor-management agreement" or "union contract." These terms refer to an agreement between an employer and a union establishing wages, hours, and other terms and conditions of employment for employees in the bargaining unit represented by the union.
CEC	California Energy Commission
Contractor	A legal entity contracted by the prime or subrecipient to provide goods and/or services within normal business operations, provides similar goods or services to many different purchasers, operates in a competitive environment, provides goods or services that are ancillary to the operation of the CERRI Program.
CPR	Critical Project Review
CRH	Community Resilience Hub
DAC	These are communities designated pursuant to Health and Safety Code section 39711 as representing the top 25 percent scoring census tracts from CalEnviroScreen 4.0, federally recognized tribal areas, and census tracts with especially high pollution but insufficient data to derive a complete score. (https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-40)
DBA	Davis-Bacon Act
U.S. DOE	U.S. Department of Energy
U.S. DOL	U.S. Department of Labor
GHG	Greenhouse Gas

¹ Please see subtask 1.3 in Part III of the Scope of Work (General Project Tasks) for a description of Critical Project Review (CPR) Meetings.

Acronym/Term	Meaning	
IBEW	International Brotherhood of Electrical Workers	
LCPtracker	As a requirement of the DBA, award recipients must submit weekly, certified payrolls to the U.S. DOE. This ensures that employers are in compliance with the law by paying applicable workers the required prevailing wage and benefits on a weekly basis. The U.S. DOE has contracted with LCPtracker, a third-party software application, to manage tracking and submission of payrolls to comply with the DBA.	
M&V	Measurement & Verification	
MS	Microsoft	
MW	Megawatt	
MWh	Megawatt-hour	
PTO	Permission to Operate	
PV	Photovoltaic	
QPR	Quarterly Progress Report	
Recipient	SMS CA MG17C, LLC	
SBCC	Santa Barbara City College	
WD	Wage Determination: A WD is the list of basic hourly wage rates and fringe benefit rates for each classification of laborers and mechanics ("labor classification") in a predetermined geographic area for a particular type of construction, as established by the DOL Wage and Hour Division. The WD identifies the specific information to be loaded into LCPtracker for a particular project. In some cases, the WD is known at award and in others at a later time. In cases where there is a CBA or a WD is not available in SAM.gov, a separate process exists via Office of General Counsel /U.S. DOL for conformance/conversion to a specific WD for the project/prime (U.S. DOE BIL DBA guidance on conformance is forthcoming). Note that this process can take up to 60 days.	

II. PURPOSE OF AGREEMENT, PROBLEM/SOLUTION STATEMENT, AND GOALS AND OBJECTIVES

A. Purpose of Agreement

The purpose of this Agreement is to fund a battery energy storage facility (1.7 Megawatt (MW)/7.0 Megawatt-hour (MWh)) that is an integral part of a solar photovoltaic (PV) plus battery energy storage microgrid located behind the meter at the Santa Barbara City College campus and will serve as a Community Resilience Hub (CRH). The solar PV portion of the microgrid is outside the scope of this project and will not be funded through the CERRI Program.

B. Problem/ Solution Statement

Problem

The geography that makes Santa Barbara County so special also makes it vulnerable to grid outages. Goleta, Santa Barbara, and Carpinteria are connected to the grid by a single set of transmission lines running through 40 miles of mountainous terrain prone to wildfires, earthquakes, and landslides. If these lines go down, the region could be without power for weeks or months. Solving this problem with the traditional paradigm of more long-distance

transmission and fossil fuel power is impractical, expensive, and creates an immediate reliability and resilience problem for the county.

Solution

The Recipient proposes to build a solar (1.6 MW) plus battery energy storage (1.7 MW/7.0 MWh) microgrid behind the meter at the Santa Barbara City College (SBCC) campus that will serve as a CRH for Santa Barbara County in case of outages and emergency shutoffs on the electric grid. This microgrid will be special in that it will serve as the first in a network of microgrids in the region that will provide spatiotemporal support to the electric grid. CERRI Program funding will be used for microgrid subcomponents and battery storage.

During regular electric grid operations, the proposed microgrid is expected to yield a series of grid benefits, including a reduction in annual grid electricity use, a reduction of grid electricity demand during peak times, and a reduction in peak load. These reductions come from peak shaving and load flexibility, which are made possible by the battery energy storage system (BESS). The microgrid is set up to reduce both continuous and peak-time energy use.

Currently the proposed microgrid is designed and modeled to have 24 hours plus of energy resilience during outages for blue sky conditions and a minimum of 8 hours in unfavorable conditions. This does not incorporate any potential utility load shifting and downsizing that could/would occur during an outage.

C. Goals and Objectives of the Agreement

Agreement Goals
The goals of this Agreement are to:

- Design and engineer a new battery-based microgrid system
- Install and operate the new microgrid system at the SBCC campus
- Validate community benefits from increased power outage resiliency, increased access to emergency services, electricity savings, and cost savings generated by the microgrid.
- Support the creation of 2 full-time equivalent (FTE) jobs.

Community Benefits

This Agreement will result in community benefits derived from creating a Community Resilience Hub (CRH) with an emergency power supply at the SBCC campus powered by the proposed microgrid project. Santa Barbara County is subject to frequent Public Safety Power Shutoffs due to wildfires and extreme heat events. Creating a CRH with emergency power supply capabilities is critical for providing access to emergency services, recharging medical equipment, providing communications, and ensuring the safety of community members.

Further community benefits will derive from community engagement activities for the CRH planned in partnership with the Community Environmental Council, Santa Barbara, and from educational and knowledge-sharing activities planned in partnership with SBCC.

Workforce Development

This Agreement will create workforce development benefits by incorporating a robust workforce development program designed to provide students and community members with valuable skills and opportunities in the energy sector, including:

- Apprenticeship Program
- SBCC Microgrid Curriculum
- Technical Training in collaboration with the International Brotherhood of Electrical Workers (IBEW) local chapter 413 and other Workforce Development Organizations

Agreement Objectives

The objectives of this Agreement are to:

- Procure and install
 - 1.7 MW/7.0 MWh 4-hour Lithium-Ion BESS
 - Switchgear with built-in microgrid controls
- Demonstrate project benefits by tracking and monitoring system performance data
- Share project information and results with the public

Note: A 1.6MW solar PV rooftop and carport system will be installed as part of the proposed microgrid project, but this is outside the scope of the proposed Agreement.

III. TASK 1 GENERAL PROJECT TASKS

PRODUCTS

Subtask 1.1 Products

The goal of this subtask is to establish the requirements for submitting project products (e.g., reports, summaries, plans, and presentation materials). Unless otherwise specified by the Commission Agreement Manager (CAM), the Recipient must deliver products as required below by the dates listed in the **Project Schedule (Part V)**. All products submitted which will be viewed by the public, must comply with the accessibility requirements of Section 508 of the federal Rehabilitation Act of 1973, as amended (29 U.S.C. Sec. 794d), and regulations implementing that act as set forth in Part 1194 of Title 36 of the Federal Code of Regulations. All technical tasks should include product(s). Products that require a draft version are indicated by marking "(draft and final)" after the product name in the "Products" section of the task/subtask. If "(draft and final)" does not appear after the product name, only a final version of the product is required. With respect to due dates within this Scope of Work, "days" means working days.

The Recipient shall:

For products that require a draft version, including the Final Report Outline and Final Report

- Submit all draft products to the CAM for review and comment in accordance with the Project Schedule (Part V). The CAM will provide written comments to the Recipient on the draft product within 15 days of receipt, unless otherwise specified in the task/subtask for which the product is required.
- Consider incorporating all CAM comments into the final product. If the Recipient disagrees with any comment, provide a written response explaining why the comment was not incorporated into the final product.
- Submit the revised product and responses to comments within 10 days of notice by the CAM, unless the CAM specifies a longer time period, or approves a request for additional time.

For products that require a final version only

• Submit the product to the CAM for acceptance. The CAM may request minor revisions or explanations prior to acceptance.

For all products

Submit all data and documents required as products in accordance with the following:

<u>Instructions for Submitting Electronic Files and Developing Software:</u>

Electronic File Format

Submit all data and documents required as products under this Agreement in an electronic file format that is fully editable and compatible with the California Energy Commission's (CEC) software and Microsoft (MS)operating computing platforms, or with any other format approved by the CAM. Deliver an electronic copy of the full text of any Agreement data and documents in a format specified by the CAM, such as memory stick.

The following describes the accepted formats for electronic data and documents provided to the CEC as products under this Agreement, and establishes the software versions that will be required to review and approve all software products:

- Data sets will be in MS Access or MS Excel file format (version 2007 or later), or any other format approved by the CAM.
- Text documents will be in MS Word file format, version 2007 or later.
- Project management documents will be in Microsoft Project file format, version 2007 or later or any other format approved by the CAM.

Software Application Development

Use the following standard Application Architecture components in compatible versions for any software application development required by this Agreement (e.g., databases, models, modeling tools), unless the CAM approves other software applications such as open source programs:

- Microsoft ASP.NET framework (version 3.5 and up). Recommend 4.0.
- Microsoft Internet Information Services (IIS), (version 6 and up) Recommend 7.5.
- Visual Studio.NET (version 2008 and up). Recommend 2010.
- C# Programming Language with Presentation (UI), Business Object and Data Layers.
- SQL (Structured Query Language).
- Microsoft SQL Server 2008, Stored Procedures. Recommend 2008 R2.
- Microsoft SQL Reporting Services. Recommend 2008 R2.
- XML (external interfaces).

Any exceptions to the Electronic File Format requirements above must be approved in writing by the CAM. The CAM will consult with the CEC's Information Technology Services Branch to determine whether the exceptions are allowable.

MEETINGS

Subtask 1.2 Kick-off Meeting

The goal of this subtask is to establish the lines of communication and procedures for implementing this Agreement.

The Recipient shall:

 Attend a "Kick-off" meeting with the CAM, the Commission Agreement Officer (CAO), and any other CEC staff relevant to the Agreement. The Recipient will bring its Project Manager and any other individuals designated by the CAM to this meeting. The administrative and technical aspects of the Agreement will be discussed at the meeting. Prior to the meeting, the CAM will provide an agenda to all potential meeting participants. The meeting may take place in person or by electronic conferencing (e.g., Microsoft Teams), with approval of the CAM.

The <u>administrative portion</u> of the meeting will include discussion of the following:

- o Terms and conditions of the Agreement;
- Invoicing and auditing procedures;
- Administrative products (subtask 1.1);
- CPR meetings (subtask 1.3);
- Match fund documentation (subtask 1.7);
- o Permit documentation (subtask 1.8);
- Subcontracts (subtask 1.9); and
- Any other relevant topics.

The technical portion of the meeting will include discussion of the following:

- o The CAM's expectations for accomplishing tasks described in the Scope of Work;
- An updated Project Schedule;
- Technical products (subtask 1.1);
- Progress reports (subtask 1.5);
- Monthly Call (subtask 1.5.1);
- Final Report (subtask 1.6);
- Any other relevant topics.
- Provide Kick-off Meeting Presentation to include but not limited to:
 - Project overview (i.e., project description, goals and objectives, technical tasks, expected benefits)
 - Project schedule that identifies milestones
 - List of potential risk factors and hurdles, and mitigation strategy
- Provide an Updated Project Schedule, Match Funds Status Letter, and Permit Status Letter, as needed to reflect any changes in the documents.

The CAM shall:

- Designate the date and location of the meeting.
- Send the Recipient a Kick-off Meeting Agenda.

Recipient Products:

- Kick-off Meeting Presentation
- Updated Project Schedule (if applicable)
- Match Funds Status Letter (subtask 1.7) (if applicable)

• Permit Status Letter (subtask 1.8) (if applicable)

CAM Product:

Kick-off Meeting Agenda

Subtask 1.3 Critical Project Review (CPR) Meetings

The goal of this subtask is to determine if the project should continue to receive CEC funding, and if so whether any modifications must be made to the tasks, products, schedule, or budget. CPR meetings provide the opportunity for frank discussions between the CEC and the Recipient. As determined by the CAM, discussions may include project status, challenges, successes, report preparation, and progress on Community Engagement and Workforce Development activities. Participants will include the CAM and the Recipient and may include the CAO and any other individuals selected by the CAM to provide support to the CEC.

CPR meetings generally take place at key, predetermined points in the Agreement, as determined by the CAM and as shown in the Task List on page 1 of this Exhibit. However, the CAM may schedule additional CPR meetings as necessary. The budget will be reallocated to cover the additional costs borne by the Recipient, but the overall Agreement amount will not increase. CPR meetings generally take place at the CEC, but they may take place at another location, or may be conducted via electronic conferencing (e.g., Microsoft Teams) as determined by the CAM.

The Recipient shall:

- Prepare and submit a CPR Report and/or presentation based on the CAM's
 determination for each CPR meeting that: (1) discusses the progress of the Agreement
 toward achieving its goals and objectives; and (2) includes recommendations and
 conclusions regarding continued work on the project.
- Attend the CPR meeting.
- Present the CPR Report or presentation and any other required information at each CPR meeting.

The CAM shall:

- Determine the location, date, and time of each CPR meeting with the Recipient's input.
- Send the Recipient a CPR Agenda with a list of expected CPR participants in advance of the CPR meeting. If applicable, the agenda will include a discussion of match funding and permits.
- Conduct and make a record of each CPR meeting. Provide the Recipient with a schedule for providing a Progress Determination on continuation of the project.
- Determine whether to continue the project, and if so whether modifications are needed
 to the tasks, schedule, products, or budget for the remainder of the Agreement. If the
 CAM concludes that satisfactory progress is not being made, this conclusion will be
 referred to the Deputy Director of the Energy Research and Development Division.
- Provide the Recipient with a *Progress Determination* on continuation of the project, in accordance with the schedule. The Progress Determination may include a requirement that the Recipient revise one or more products.

Recipient Products:

CPR Report(s) and/or Presentation(s)

CAM Products:

- CPR Agenda(s)
- Progress Determination

Subtask 1.4 Final Meeting

The goal of this subtask is to complete the closeout of this Agreement.

The Recipient shall:

 Meet with CEC staff to present, as applicable, project outcomes, findings, conclusions, and recommendations. The final meeting must be completed during the closeout of this Agreement. This meeting will be attended by the Recipient and CAM, at a minimum. The meeting may occur in person or by electronic conferencing (e.g., Microsoft Teams), with approval of the CAM.

The technical and administrative aspects of Agreement closeout will be discussed at the meeting, which may be divided into two separate meetings at the CAM's discretion.

- The technical portion of the meeting will involve the presentation of project results and benefits (including Project Metrics as cited in Attachment 09), challenges experienced, and recommended next steps (if any) for the Agreement. The CAM will determine the appropriate meeting participants.
- The administrative portion of the meeting will involve a discussion with the CAM and the CAO of the following Agreement closeout items:
 - Disposition of any procured equipment.
 - The CEC's request for specific "generated" data (not already provided in Agreement products).
 - Any "Surviving" Agreement provisions such as repayment provisions and confidential products.
 - Final invoicing and release of retention.
- Prepare a *Final Meeting Agreement Summary* that documents any agreement made between the Recipient and Commission staff during the meeting.
- Prepare a Schedule for Completing Agreement Closeout Activities if deemed necessary by the CAM.
- Prepare a Tangible Personal Property Report (SF-428) if deemed necessary by the CAM
- Prepare a Tangible Personal Property Report Final Report (SF-428-B) if deemed necessary by the CAM.
- Prepare a Tangible Personal Property Report Disposition Request/Report (SF-428-C) if deemed necessary by the CAM.
- Provide copies of *All Final Products* on a USB memory stick, or via a secure File Transfer Protocol (FTP) site, organized by the tasks in the Agreement.

Products:

- Final Meeting Agreement Summary (if applicable)
- Schedule for Completing Agreement Closeout Activities (if applicable)

- Tangible Personal Property Report (SF-428) (if applicable)
- Tangible Personal Property Report Final Report (SF-428-B) (if applicable)
- Tangible Personal Property Report Disposition Request/Report (SF-428-C) (if applicable)
- All Final Products

MONTHLY CALLS. REPORTS AND INVOICES

Subtask 1.5 Project Management Reports and Invoices

The goals of this subtask are to: (1) periodically verify that satisfactory and continued progress is made towards achieving the project objectives of this Agreement; and (2) ensure that invoices contain all required information and are submitted in the appropriate format.

The Recipient shall:

- Submit a Quarterly Progress Report (QPR) to the CAM. Each progress report must:
 - Detail progress made on all Agreement activities as specified in the Scope of Work for the preceding quarter, including baseline budget and incurred cost, milestones (as defined in the Project Schedule, Attachment 04), build metrics, and risk management activities.
 - QPRs must be submitted no later than 15 days after the end of the Federal Fiscal Quarter
 - See the Quarterly Progress Report Format Attachment and Instructions for the required specifications:
 - Quarterly Progress Report Instructions: https://www.energy.ca.gov/media/9027
 - Quarterly Progress Report Template: https://www.energy.ca.gov/media/9028
- Submit a monthly or quarterly *Invoice* that follows the instructions in the "Payment of Funds" section of the terms and conditions, including a financial report on Match Funds and in-state expenditures.

Products:

- Quarterly Progress Reports
- Invoices

Subtask 1.5.1 Monthly Calls

The goal of this task is to have calls at least monthly between the CAM and Recipient to verify that satisfactory and continued progress is made towards achieving the objectives of this Agreement on time and within budget.

The objectives of this task are to verbally summarize activities performed during the reporting period, to identify activities planned for the next reporting period, to identify issues that may affect performance and expenditures, to verify match funds are being proportionally spent concurrently or in advance of CEC funds or are being spent in accordance with an approved Match Funding Spending Plan, to form the basis for determining whether invoices are consistent with work performed, and to answer any other questions from the CAM. Monthly calls might not be held on those months when a quarterly progress report is submitted or the CAM determines that a monthly call is unnecessary.

The CAM shall:

- Schedule monthly calls.
- Provide guestions to the Recipient prior to the monthly call.
- Provide call summary notes to Recipient of items discussed during call.

The Recipient shall:

- Review the questions provided by CAM prior to the monthly call
- Provide verbal answers to the CAM during the call.

Product:

• Email to CAM concurring with call summary notes.

Subtask 1.5.2 Davis-Bacon Act Reporting Compliance

The goal of this subtask is to ensure compliance with federal Davis-Bacon Act (DBA) requirements. BIL Title XI, Section 41101, applies wage rate requirements under DBA for construction, alteration, or repair work on Bipartisan Infrastructure Law (BIL) activities. This means that laborers and mechanics performing construction, alteration, or repair on BIL projects shall be paid wages at the rates not less than those prevailing on similar projects in the locality as determined by the Secretary of Labor. In the case of a multi-phase project, DBA and associated compliance activities would not be triggered until the start of construction. Please review the Bipartisan Infrastructure Law Davis Bacon Act Compliance Using LCP Tracker with Monitoring and Reporting Guidance for BIL DBA Funding Recipients (https://www.energy.gov/sites/default/files/2024-02/BIL%20DBA%20Compliance%20using%20LCPtracker%20-%20External%20Guidance%20Final_0.pdf) for more information.

The Recipient shall:

- Submit proposed Wage Determination(s) (WD) or Collective Bargaining Agreement(s) (CBA) for set-up information in LCP tracker for prime recipient and all subrecipients and contractors to the Department of Energy (U.S. DOE) Technical Project Officer (TPO) as soon as possible and no later than one month prior to start of construction.
- Notify the CAM and TPO/Contracting Officer (CO) if the recipient has a CBA.
 - A CBA will need a separate process of being sent to Department of Labor (DOL) for conformance/conversion to a specific WD for the project/prime.
- Provide access to LCPtracker for subrecipients and subcontractors.
 - Including verification of identity.
- Ensure that all DBA/prevailing wage requirements flow down to subrecipients, subcontractors, and vendors.
- Submit weekly payrolls to LCPtracker.
- Monitor all weekly payroll submissions (prime, subs, and contractors/vendors).
- Ensure compliance with weekly payroll submissions and work with subrecipients/subcontractors/vendors to correct submissions as needed.
- Submit Semi-Annual DBA Enforcement Reports in accordance with deadlines set by U.S. DOE.
- Notify CAM and TPO of any concerns with DBA compliance.
- Ensure that all subrecipients and contractors/vendors submit proposed WD(s) or CBA(s).

Products:

- Proposed WD(s) or CBA(s) submitted to LCPtracker
- Weekly payrolls submitted to LCPtracker
- Semi-Annual DBA Enforcement Report

Subtask 1.6 Final Report

The goal of this subtask is to prepare a comprehensive Final Report that describes the original purpose, approach, and results of the work performed under this Agreement. When creating the Final Report Outline and the Final Report, the Recipient must use the CEC Style Manual provided by the CAM.

Subtask 1.6.1 Final Report Outline

The Recipient shall:

• Prepare a *Final Report Outline* in accordance with the *Energy Commission Style Manual* provided by the CAM.

Recipient Products:

• Final Report Outline (draft and final)

CAM Product:

- Energy Commission Style Manual
- Comments on Draft Final Report Outline
- Acceptance of Final Report Outline

Subtask 1.6.2 Final Report

The Recipient shall:

Prepare a *Final Report* for this Agreement in accordance with the approved Final Report Outline, Energy Commission Style Manual, and Final Report Template provided by the CAM. Report elements that may be required are as follows:

- Cover page
- Credits page on the reverse side of cover with legal disclaimer
- Acknowledgements page
- Preface
- Abstract, keywords, and citation page
- Table of Contents
- Executive summary
- Body of the report
- References
- Glossary/Acronyms
- Bibliography
- Appendices
- Attachments
- Submit a draft of the report to the CAM for review and comment. The CAM will
 provide written comments to the Recipient on the draft product within 15 days of
 receipt
- Incorporate all CAM comments into the Final Report. If the Recipient disagrees with any

comment, provide a *Written Responses to Comments* explaining why the comments were not incorporated into the final product.

• Submit the revised *Final Report* electronically with any Written Responses to Comments within 10 days of receipt of CAM's Written Comments on the Draft Final Report, unless the CAM specifies a longer time period or approves a request for additional time.

Products:

- Draft Final Report
- Written Responses to Comments (if applicable)
- Final Report

CAM Product:

Written Comments on the Draft Final Report

MATCH FUNDS, PERMITS, AND SUBCONTRACTS

Subtask 1.7 Match Funds

The goal of this subtask is to ensure that the Recipient obtains any match funds planned for this Agreement and applies them to the Agreement during the Agreement term.

While the costs to obtain and document match funds are not reimbursable under this Agreement, the Recipient may spend match funds for this task. With the exception of match funds allocated for permitting and environmental review, the Recipient may only spend match funds during the Agreement term, either concurrently or prior to the use of CERRI funds. Match funds must be identified in writing, and the Recipient must obtain any associated commitments before incurring any costs for which the Recipient will request reimbursement.

The Recipient shall:

• Prepare a *Match Funds Status Letter* that documents the match funds committed to this Agreement.

Provide in the letter:

- A list of the match funds that identifies:
 - The amount of cash match funds, their source(s) (including a contact name, address, and telephone number), and the task(s) to which the match funds will be applied.
 - The amount of each in-kind contribution, a description of the contribution type (e.g., property, services), the documented market or book value, the source (including a contact name, address, and telephone number), and the task(s) to which the match funds will be applied. If the in-kind contribution is equipment or other tangible or real property, the Recipient must identify its owner and provide a contact name, address, telephone number, and the address where the property is located.
 - If different from the solicitation application, provide a letter of commitment from an authorized representative of each source of match funding that the funds or contributions have been secured.
- At the Kick-off meeting, discuss match funds and the impact on the project if they are significantly reduced or not obtained as committed. Match funds will be included as a line item in the Quarterly Progress Reports and will be a topic at CPR meetings.

- Provide a Supplemental Match Funds Notification Letter to the CAM of receipt of additional match funds.
- Provide a Match Funds Reduction Notification Letter to the CAM if existing match funds are reduced during the Agreement. Reduction of match funds may trigger a CPR meeting, or, if federal requirements are violated by the reduction, cancellation of the Agreement.

Products:

- Match Funds Status Letter
- Supplemental Match Funds Notification Letter (if applicable)
- Match Funds Reduction Notification Letter (if applicable)

Subtask 1.8 Permits

The goal of this subtask is to obtain all permits required for work completed under this Agreement in advance of the date they are needed to keep the Agreement schedule on track. Permit costs and the expenses associated with obtaining permits are not reimbursable under this Agreement, with the exception of costs incurred by University of California recipients. Permits must be identified and obtained before the Recipient may incur any costs related to the use of the permit(s) for which the Recipient will request reimbursement.

The Recipient shall:

- Prepare a *Permit Status Letter* that documents the permits required to conduct this Agreement. If no permits are required at the start of this Agreement, then state this in the letter. If permits will be required during the Agreement, provide in the letter:
 - A list of the permits that identifies: (1) the type of permit; and (2) the name, address, and telephone number of the permitting jurisdictions or lead agencies.
 - The schedule the Recipient will follow in applying for and obtaining the permits.
- The list of permits and the schedule for obtaining them will be discussed at the Kick-off meeting (subtask 1.2), and a timetable for submitting the updated list, schedule, and copies of the permits will be developed. The impact on the project if the permits are not obtained in a timely fashion or are denied will also be discussed. If applicable, permits will be included as a line item in progress reports and will be a topic at CPR meetings.
- If during the Agreement additional permits become necessary, then provide the CAM with an *Updated List of Permits* (including the appropriate information on each permit) and an Updated Schedule for Acquiring Permits.
- Send the CAM a Copy of Each Approved Permit.
- If during the Agreement permits are not obtained on time or are denied, notify the CAM within 5 days. Either of these events may trigger a CPR meeting.

Products:

- Permit Status Letter
- Updated List of Permits (if applicable)
- Updated Schedule for Acquiring Permits (if applicable)
- Copy of Each Approved Permit (if applicable)

Subtask 1.9 Subcontracts

The goals of this subtask are to: (1) procure and execute subcontracts and site host agreements, as applicable, required to carry out the tasks under this Agreement; and (2) ensure

that the subcontracts (including vendors) and site host agreements are consistent with the Agreement terms and conditions and the Recipient's own contracting policies and procedures. of this Agreement.

The Recipient shall:

- Execute and manage subcontracts and coordinate subcontractor activities in accordance with the requirements of this Agreement.
- Execute and manage site host agreements, and ensure the right to use the project site throughout the term of the Agreement, as applicable. A site host agreement is not required if the Recipient is the site host.
- Notify the CEC in writing immediately, but no later than five calendar days, if there is a reasonable likelihood the project site cannot be acquired or can no longer be used for the project.
- Incorporate this Agreement by reference into each subcontract.
- Include any required CEC flow-down provisions in each subcontract, in addition to a statement that the terms of this Agreement will prevail if they conflict with the subcontract terms.
- Submit a Subcontract and Site Letter to the CAM describing the subcontracts and any site host agreement needed or stating that no subcontracts or site host agreements are required.
- If requested by the CAM, submit a draft of each *Subcontract* and any Site Host Agreement required to conduct the work under this Agreement.
- If requested by the CAM, submit a final copy of each executed subcontract.
- Notify and receive written approval from the CAM prior to adding any new subcontractors (see the discussion terms regarding subcontractor additions in the terms and conditions).

Products:

- Subcontract and Site Letter
- Subcontracts (draft if required by the CAM)
- Draft Site Host Agreement (if requested by the CAM)
- Final Subcontracts (*if requested by the CAM*)
- Final Site Host Agreement (if requested by the CAM)

Subtask 1.10 Project Metrics

The goal of this subtask is to finalize key performance measures for the project and report on final results in achieving those measures. The performance measures should be a combination of job creation and training, community engagement activities and events, and impact metrics that provide the most significant indicators of the project's potential success.

The Recipient shall:

- Complete and submit the *Project Metrics and Impact Report* to the CAM prior to December 15 of each project year. Each Program Metrics and Impact Report must:
- Detail baseline impact metrics (performance measures), current fiscal year impact metrics (performance measures), job creation and training, workforce demographics, and community engagement activities and events.
- See the Project Metrics and Impact Report Format Attachment and Instructions for the required specifications:

- Annual Project Metrics and Impact Report Instructions: https://www.energy.ca.gov/media/9029
- Annual Project Metrics and Impact Report Template: https://www.energy.ca.gov/media/9030
- Develop and submit a *Project Metrics Results* document describing the extent to which the Recipient met each of the initial performance metrics as described in Project Metrics Attachment 09.
- Discuss the *Project Performance Metrics Results* at the Final Meeting.

Products:

- Project Metrics and Impact Report (submitted annually)
- Project Performance Metrics Results

IV. TECHNICAL TASKS

Products that require a draft version are indicated by marking "(draft and final)" after the product name in the "Products" section of the task/subtask. If "(draft and final)" does not appear after the product name, only a final version of the product is required. Subtask 1.1 (Products) describes the procedure for submitting products to the CAM.

TASK 2: PROJECT ENGINEERING DESIGN, SITE PREPARATION, AND PERMIT APPLICATION

The goal of this task is to design the necessary equipment and plan the equipment layout for the project sites. The pieces of equipment to be designed are a) 1.7 MW/7.0 MWh 4-hour Lithium-lon Battery Energy Storage System (BESS) and b) Switchgear with built-in microgrid controls The equipment will be installed at the East and West campuses of Santa Barbara City College.

The Recipient shall:

- Execute design due diligence:
 - Procure due diligence consultants
 - Conduct electrical site audit
 - Complete geotechnical onsite work
- Complete construction permit application
 - Apply for project permitting, per Task 1.8
 - Prepare a Local Fire Authority Permitting Materials Memo, including but not limited to a list of materials submitted and a description of each.
 - Prepare an Authority Having Jurisdiction (AHJ) Permitting Materials Memo, including but not limited to list of materials submitted and a description of each.
- Design microgrid system:
 - Establish specifications and initial layouts for battery energy storage systems,
 - Develop 30 Percent Design Document
 - Conduct 30 Percent Design Review Meeting with Stakeholders
 - Develop 90 Percent Design Document
 - Conduct 90 Percent Design Review Meeting
 - Prepare and publish Permitting Drawing Set
- Provide a Project Design Memo that includes, but is not limited to:
 - Summary of the steps taken to reach the final design and final layout;
 - o Identification of barriers involved and the steps taken to overcome those barriers;
 - Final engineering design and equipment layout for each site;
 - o Discussion of the final engineer design and equipment layout for each site.
- Describe the methods by which the Recipient will identify, address, and overcome barriers to the successful implementation of the project. Prepare the project sites:
 - Identify staging areas for materials
 - Remove existing debris/equipment to be replaced
- Provide a Site Preparation Memo to summarize the steps planned to prepare each site, including any challenges anticipated and a description of how the Recipient will overcome barriers of its project.
- Prepare a CPR Report #1 and participate in accordance with subtask 1.3.

Products:

- Local Fire Authority Permitting Materials Memo
- Authority Having Jurisdiction (AHJ) Permitting Materials Memo
- Permitting Drawing Set
- 30 Percent Design Document
- 90 Percent Design Document
- Project Design Memo

- Site Preparation Memo
- CPR Report #1

TASK 3: EQUIPMENT PROCUREMENT

The goal of this task is to procure the necessary equipment and materials for this project. The pieces of equipment to be procured for each site are: 1.7 MW/7.0 MWh 4-hour Lithium-Ion Battery Energy Storage System (BESS), and Switchgear with built-in microgrid controls.

The Recipient shall, for each project site:

- Specify equipment and materials, select vendors, and issue purchase orders, including but not limited to:
 - Battery energy storage system
 - Microgrid controller
 - Data acquisition system
 - Balance of system for mechanical and electrical scopes
 - Inverters
- Arrange shipping and receiving of project equipment and materials
- Execute Project Mobilization, including, but not limited to:
 - Mobilizing project crews and setting up temporary facilities at the project site
 - Scheduling crane(s) to lift and set project equipment and materials
- Provide an Equipment Procurement Memo that includes, but is not limited to:
 - Copies of the performance specifications for each piece of equipment purchased by the grant;
 - Summaries of the bids received and their respective bidders;
 - Copies of all required permits needed for installation at each site;
 - Copies of the final procurement documents and purchase orders;
 - Status of the planned installation including a preliminary schedule for equipment delivery and installation for each site; and
 - Describe the methods by which the Recipient will identify, address, and overcome barriers to the successful implementation of the project.

Products:

Equipment Procurement Memo.

TASK 4: EQUIPMENT INSTALLATION

The goal of this task is to install and commission the equipment procured for this project in Task 3, at each of the two project sites.

The Recipient shall, at each project site:

- Complete Installation of Battery Energy Storage Systems, including, but not limited to:
 - Layout BESS Installation Location
 - Install Equipment Pad per Specifications and Manufacturer Requirements
 - Set BESS and install anchors
 - o Complete electrical work, cable pulls, trenching, and terminations at switchgear
- Complete Project Inspections, including, but not limited to:

- Execute AHJ Signoff and Issue Punch List
- o Conduct Utility On-Site Inspection
- Complete Project Commissioning, including, but not limited to:
 - Conduct Electrical Acceptance Testing
 - Complete Remaining Punch List Work
 - Request for Permission to Operate (PTO)
 - Issue PTO Letter
 - Validate Microgrid Performance
 - Achieve Commercial Operation
- Provide an Equipment Installation Memo that includes, but is not limited to:
 - o Summary of the equipment installation requirements for each demonstration site;
 - Identification of barriers involved during installation and the steps taken to overcome those barriers:
 - Discuss results of equipment start-up and commissioning at each site with respect to whether the equipment as installed meets the stated performance specifications.
- Prepare a CPR Report #2 and participate in CPR Meeting #2 per subtask 1.3.
- Provide at least (6) six *High Quality Digital Photographs* (minimum resolution of 1300x500 pixels in landscape ratio) of the completed installation at each site.

Products:

- Punch List
- PTO Letter
- Equipment Installation Memo (draft and final)
- CPR Report #2
- High quality digital photographs

TASK 5: COMMUNITY ENGAGEMENT AND IMPACTS

The goal of this task is to plan and execute community engagement activities and report on benefits and metrics identified in Project Metrics, Attachment 09.

The Recipient shall:

- Develop and submit a Community Engagement and Impacts Plan in coordination with the Community Environmental Council, Santa Barbara, which outlines the planned community engagement activities and summarizes the qualitative and quantitative impacts of community engagement. The plan will include, but is not limited to, a timeline, locations, role of the CBO or tribal partners, type of engagement and method, and any other relevant information.
- Conduct all activities listed in the *Community Engagement and Impacts Plan* and provide a copy of any relevant *Engagement Materials*, such as presentations, photos, literature, etc.. to the CAM.
 - o Invite CAM to all community engagement activities as optional attendee.
- Prepare a Community Engagement and Impacts Report which details the project's engagement efforts, how community feedback was incorporated into the project, and project results, metrics, and benefits.
- Provide at least (6) six *High Quality Digital Photographs* (minimum resolution of 1300x500 pixels in landscape ratio) of community engagement activities.

- Planned community engagement activities include:
 - o Community Town-Halls
 - Community Advisory Committee Meetings
 - Hub Tours and Educational Open Houses
- Prepare a CPR Report #3 and participate in a CPR Meeting per subtask 1.3.

Products:

- Community Engagement and Impacts Plan (draft and final)
- Engagement Materials (draft and final)
- Community Engagement and Impacts Report (draft and final)
- High Quality Digital Photographs
- CPR Report #3

TASK 6: WORKFORCE DEVELOPMENT

The goal of this task is to develop and execute a workforce development plan that will attract, train, and retain a skilled workforce through apprenticeship programs, leverage SBCC's unique educational position to integrate, expand and develop training and curricula for SBCC students, and grid resilience career fairs and technical training in collaboration with IBEW and other Workforce Development Organizations for durable careers in the energy industry.

The Recipient Shall:

- Develop and submit a *Workforce Development Plan* that includes, but is not limited to the planned activities, the roles of all participants and partners; summarizes the quantitative and qualitative impacts of the activities, includes a timeline of activities with locations, and remote options.
- Implement activities identified in the Workforce Development Plan.
- Workforce development activities include:
 - An apprenticeship/internship program
 - SBCC Microgrid curriculum
 - Grid resilience career fairs
 - Technical trainings.
- Submit copies of any Training and Promotional Materials.
- Prepare a Workforce Development Report detailing the efforts and outcomes of job training, apprenticeships, internships, job fairs, and curriculum. The report will include the number of apprenticeships and internships filled, the types of training programs offered, the number of individuals completing each program, and new jobs created due to the workforce development initiatives.
- Provide at least (6) six *High Quality Digital Photographs* (minimum resolution of 1300x500 pixels in landscape ratio) of apprenticeship programs, SBCC educational events, clean energy and grid resilience career fairs, and technical training.

Products:

- Workforce Development Plan (draft and final)
- Copies of Training and Promotional Materials

- High Quality Digital Photographs
- Workforce Development Report (draft and final)

TASK 7: EVALUATION OF PROJECT BENEFITS

The goal of this task is to report the benefits resulting from this project.

The Recipient shall:

- Complete the Annual Survey by January 31st of each year.
- Complete and update the project profile on the CEC's public online project and recipient directory, and provide *Documentation of Project Profile* on the <u>Energize Innovation</u> <u>website</u> (http://www.energizeinnovation.fund), including the profile link.
- If the Prime Recipient is an Innovation Partner on the project, complete and update the organizational profile on the CEC's public online project and recipient directory on the Energize Innovation website (http://www.energizeinnovation.fund), and provide Documentation of Organization Profile on http://www.energizeinnovation.fund, including the profile link.

Products:

- Annual Survey(s)
- Documentation of Project Profile on http://www.energizeinnovation.fund
- Documentation of Organization Profile on http://www.energizeinnovation.fund

V. PROJECT SCHEDULE

Please see the attached Excel spreadsheet.